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Development of Soviet Power Industry in 1956,
5 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957, pp 1-3,
Encl to SIR-2772. CIA 9014952

AID/Sep 57

58,123

USSR
Econ

Feb 58

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Technical Progress of Power Engineering in 1956 and Trends for 1957, 7 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957, pp 6-10.
Encl to SIR-2779, CIA 90/4949

AID/Sep 57

Sci-Gen
USSR
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Feb 58

58/131

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On the Vibrational Reliability of Steam Turbine Working Vanes, by I. Z. Tsyrkin.

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CSIRO

Sci - Engr

Jun 61

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Yegorshinskaya Gres, Reduction in Personnel, 2 pp.
UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 1, 1957. pp 71, 72.
Encl to SIR-2769. CIA 901-4570

AID/Sep 57

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Atomic Electric Power Plants in USSR, 5 pp.
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RUSSIAN, per, Elek Stant., No 2, 1957, pp 1-9.
Encl to SIR-2788.

AID/Sep 57

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Series Capacitors Installations on Svir'-Leningrad Transmission Lines, 3 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 2, 1957, pp 60-65.

AID/Sep 57

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Sci - Electricity

Feb 58

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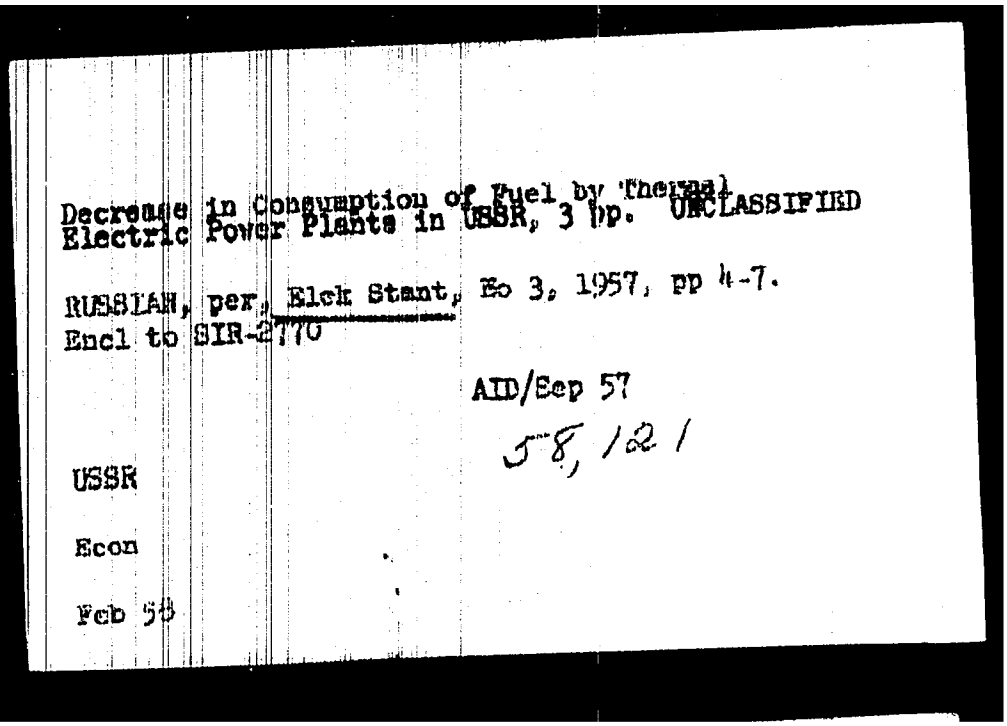

Decrease in Consumption of Fuel by Thermal Electric Power Plants in USSR, 3 pp. UNCLASSIFIED

RUSSIAN, per, Elek Stant, No 3, 1957, pp 4-7.
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AID/Sep 57

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The System of Feeding High-Pressure Boilers Equipped With Steam Washers, 11 pp.

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AID/Jul 57

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Trifonov, E. V. and Yampolskii, S. L.
MEASUREMENT OF AXIAL STRESSES IN A STEAM TURBINE. [1963] [Sp] C. E. Trans. 2918.
Order from OTS SLA or ETC $1.10 TT 63-23973

Trans. of Elektrichestkie Stantsii (USSR) 1957, v. 28 [no. 3] p. 19-21. (Abstract available)

DESCRIPTORS: *Steam turbines, Axial shafts, *Stresses, Oils, Films, Pressure, Manometers, Measurement.

A method for measuring axial stresses in steam turbines, based on the use of a manometer to measure pressure of an oil film in the thrust bearing is presented.

(Machinery - Engines, TT, v. 11, no. 1)

TT-63 23973

I. Trifonov, E. V.
II. Yampolskii, S. L.
III. CE Trans 2918
IV. Central Electricity Generating Board (Gt. Brit.)

N.R.L.(LOAN) ROF: 9022.09 1963(2,918)

Office of Technical Services

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DSIR LLU (loan) M.480

Sci - Min/Met; Fuels
Sep 59

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Planning of Interconnection of Power Systems and Their Control From Central Dispatcher's Offices, 4 p
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AID/Sep 57

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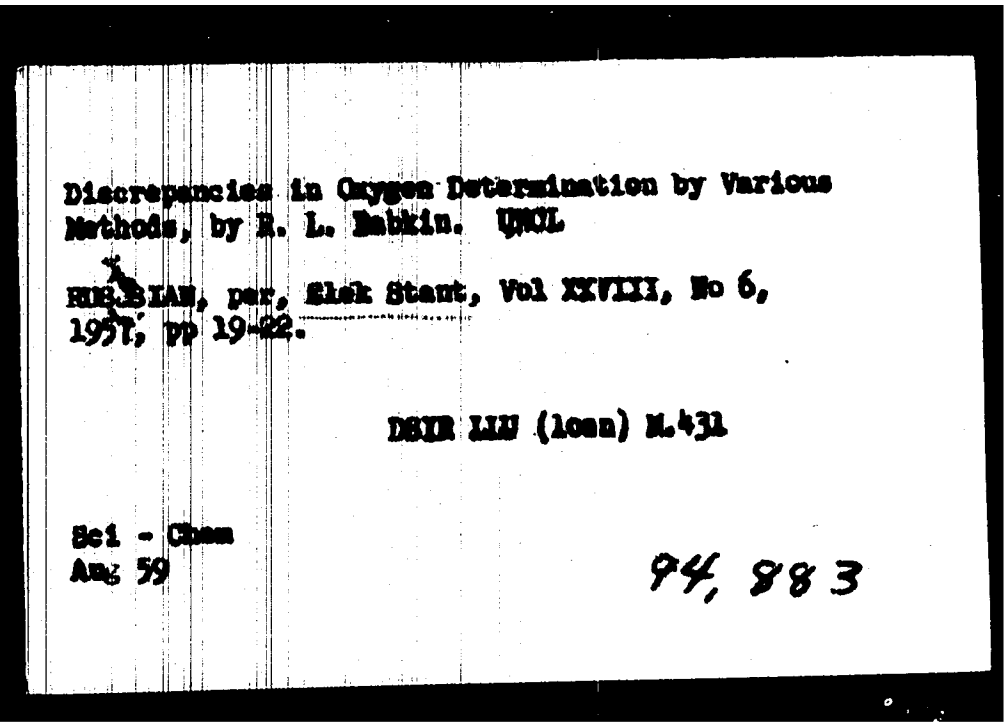

Discrepancies in Oxygen Determination by Various Methods, by R. L. Babkin. UNCL

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DSIR LIB (loan) M.431

Sci - Chem
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Methods of Detecting Faulty Suspension Insulators,
by P. M. Svi. UKCL

RUSSIAN, per, Elek Stant, No 6, 1957, pp 42-44.

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Sci - Electron
Sep 59

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Wet Snow Deposits on Power Transmission Lines,
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RUSSIAN, per, Elek Stantsii, Vol XXVIII,
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DSIR LLU M.1592
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Sci - Electricity

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Oct 60

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RESULTS OF TESTING A WET STEAM FRACTIONAL SEPARATOR, BY M. N. KEMEL'MAN.

RUSSIAN, PER, ELEK STANTSII, VOL. XXVIII, NO 8, 1957, PP 4-7.

NLL M. 379⅓

SCI - ENGR

OCT 62

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The Ural Power System as of the 40th Anniversary of the October Revolution, by A. M. Marinov /Transpor, Commun, and Electric Power in the USSR, 2/

RUSSIAN, per, Elektricheskiye Stantsii, No 11, Nov 1957, pp 81-86.

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Infosearch Ltd.

Sci - Electricity
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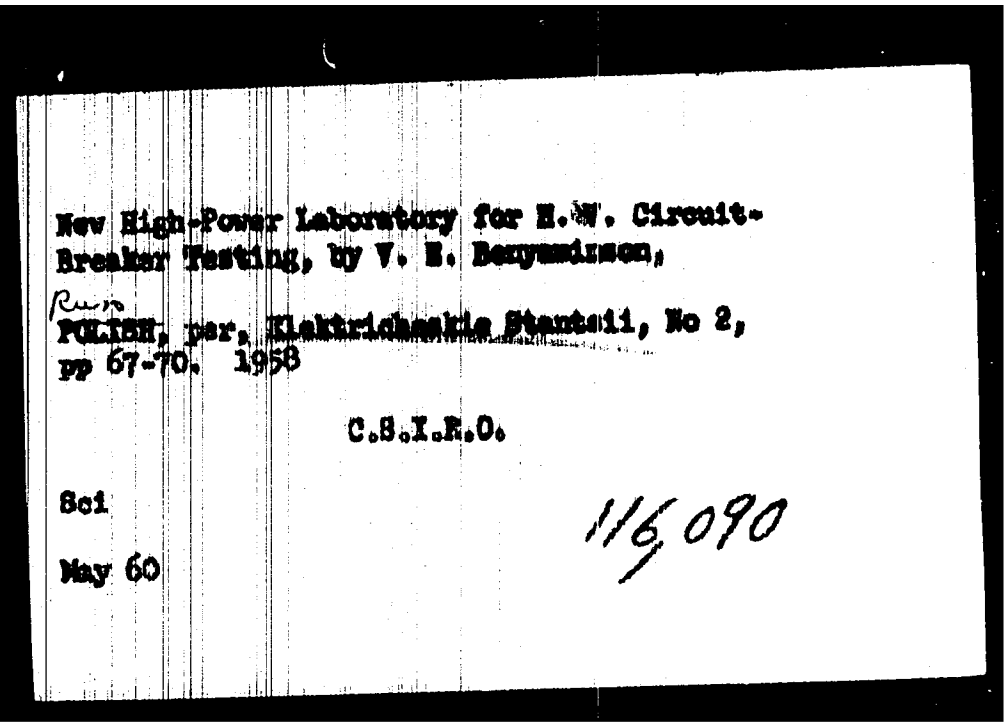

New High-Power Laboratory for H.V. Circuit-Breaker Testing, by V. E. Benyamimson,

Russ

POLISH, per, Elektrichestvo Stantsii, No 2, pp 67-70. 1958

C.S.I.R.O.

Sci

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Mean Annual Corona Losses on 400 and 600-650 kV Transmission Lines, by L. V. Yegorova, N. N. Tikhodeyev. USCL

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DSIR LIU (loan) M.444

Sci - Electron
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(NY-1633)

In Regard to the Problem of the Development of the Power Industry of Economic Regions, by V. S. Yemmakov, U. B. Pekelis, 15 pp.

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UR JPRS/NY-L-329

Econ - Electric Power

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(NY-1683)

Some Problems of Planning Block-Scheme Electric Power Stations, by V. G. Zhilin, 22 pp.

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US JPRS/NY-L-330

Econ - Electric Power

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Defects of Bituminous Compounds in High-Voltage Bushings, by V. N. Zvezdkin, M. G. Loitsyanskaya. UNCL.

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DSIR LIB (loan) M.442

Sci - Electron
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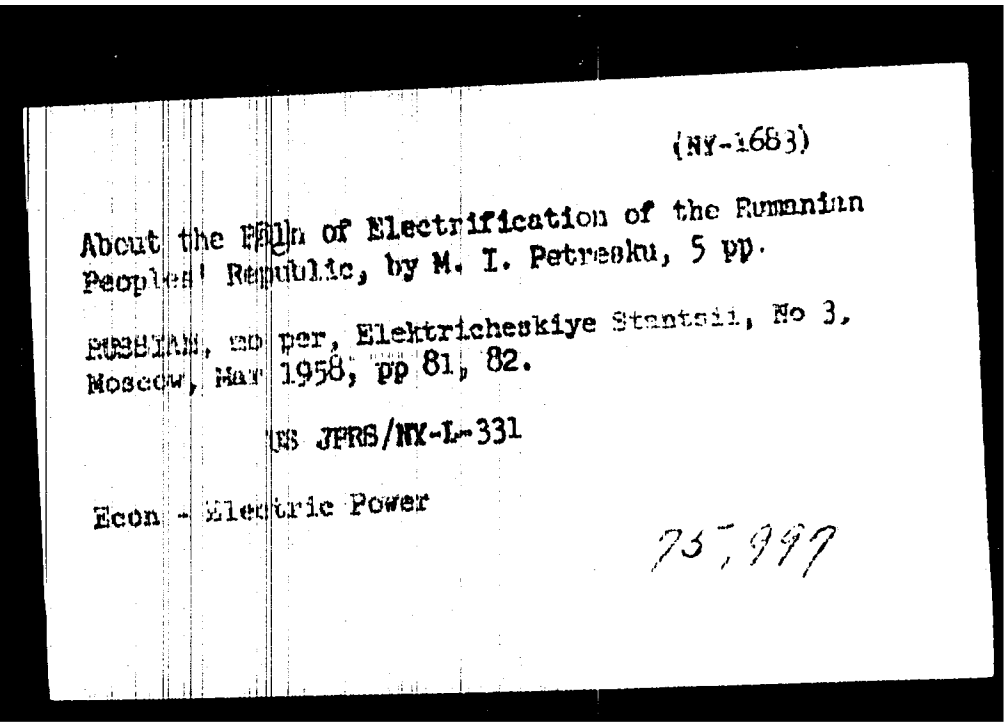

(NY-1683)

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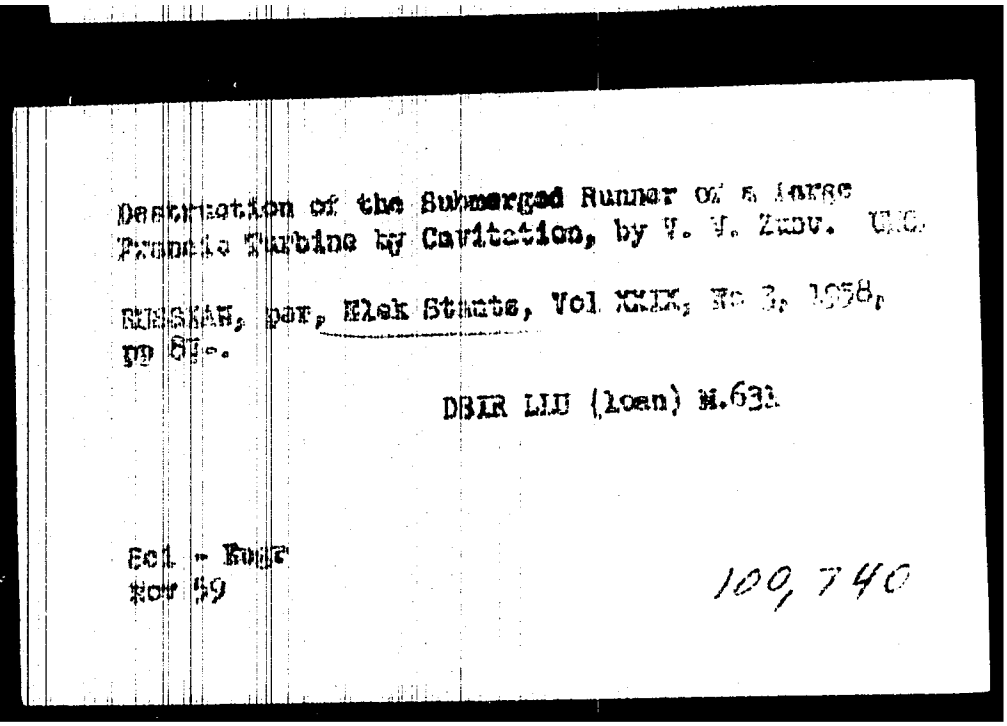

Destruction of the Submerged Runner of a Large Francis Turbine by Cavitation, by V. V. Zaov. USSR.

ENERGIYA, par, Elek Stants, Vol XXIX, No 3, 1958, pp 87-.

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Nov 59

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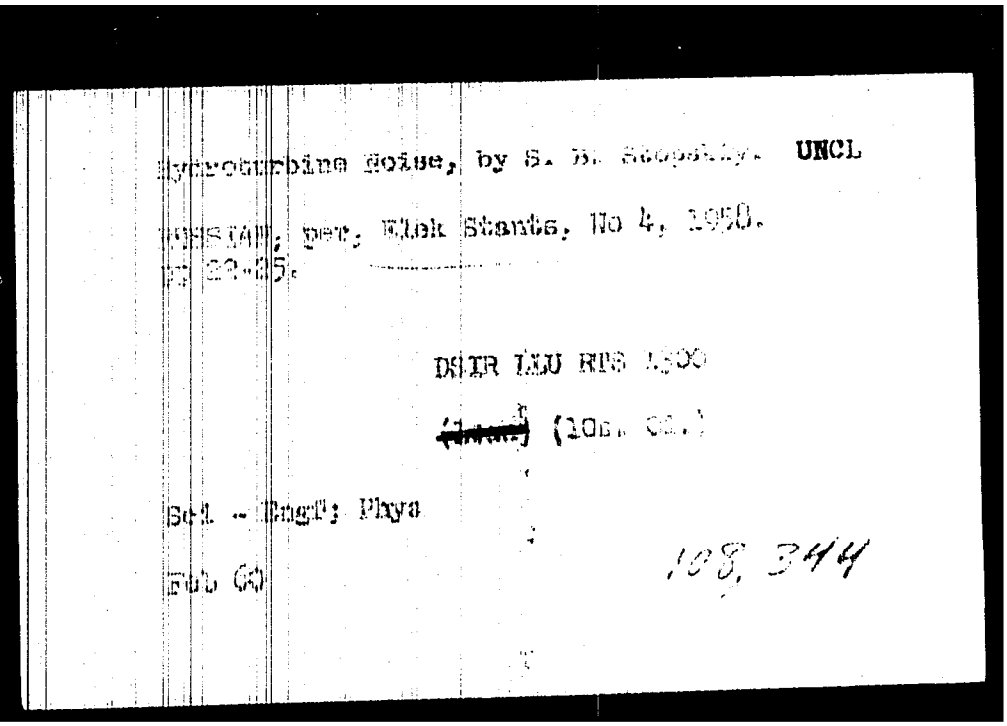

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P; 22-25.

DSIR LIU RUS 1500

(10c. 6d.)

Sci - Engr; Phys

Feb 60

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On the Reduction of the Delivery Times and Further Lowering of the Structural Costs of Power Stations and Networks, USCR.

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Sci + Electron
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External Corrosion of Baffle Tubes of High-Pressure Boilers and Its Prevention, by V. M. Volkov, et al. USSR.

RUSSIAN, per, Elek Stants, Vol XXIX, No 5, 1958, pp 27-30.

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(loan)

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Electron;
Sci - Engr
May 60

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Some Problems in the Planning, Design and Construction of Thermal Powker Stations, by V. A. Radtsig.

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DSIR LLU M.501
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Sci - Electron
Nov 59

SLA-59-22550

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Application of 500 KV Potential to Long-Distance Power Transmission, by A. D. Romanov, et al

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Sci - Electron
Jul 59

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USSR
Econ - Electric power
Oct 58

(Exploitation)

75-424

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RUSSIAN, per, Elek Stant, Vol XXIX, No 6, 1958, pp 15-20.

NLL Ref: 9022.09 1964 (3295) (loan)

GB/10/3295

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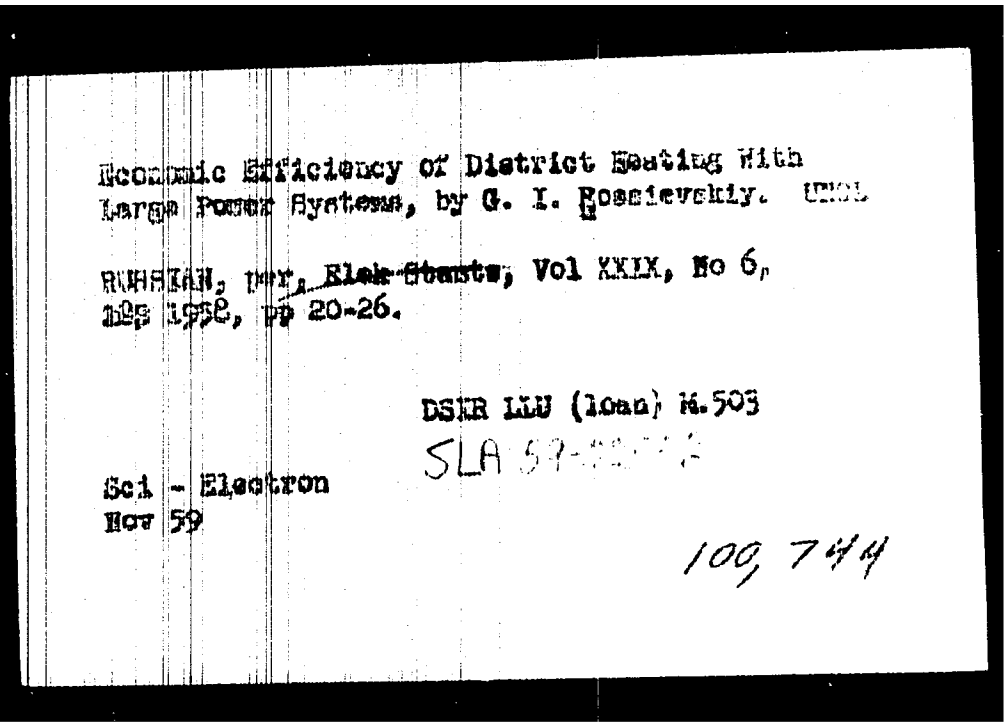

Economic Efficiency of District Heating With Large Power Systems, by G. I. Roscievskiy. USSR

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DSIR LLU (loan) M.503
SLA 59-[illegible]

Sci - Electron
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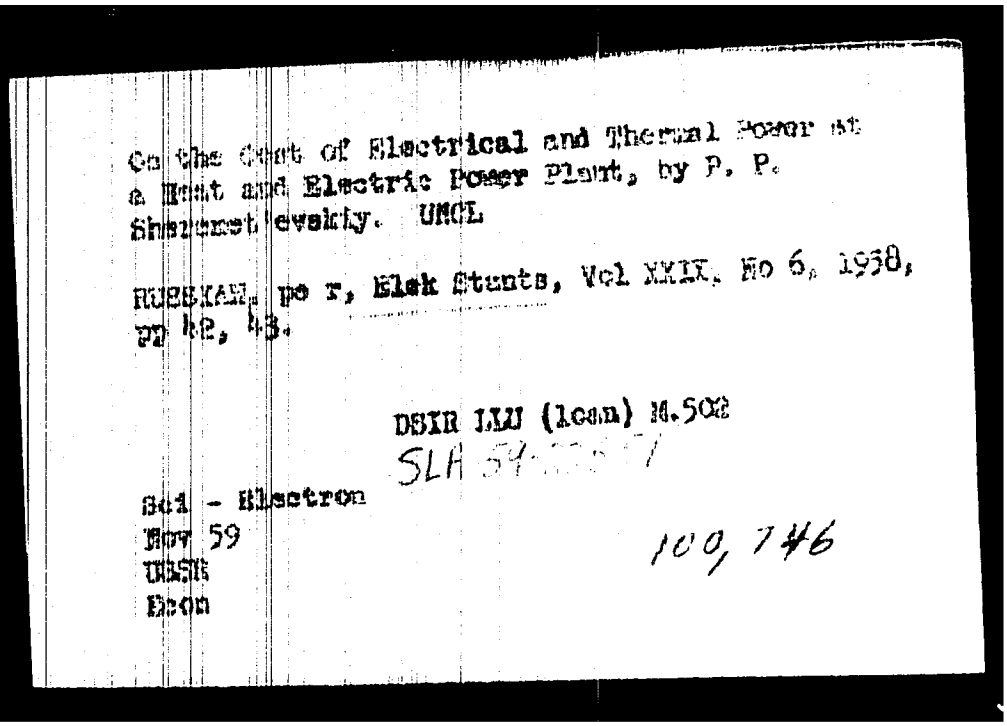

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DSIR LAU (1cam) M.502
SLA 54-[illegible]

Bel - Electron
Nov 59
USSR
Econ

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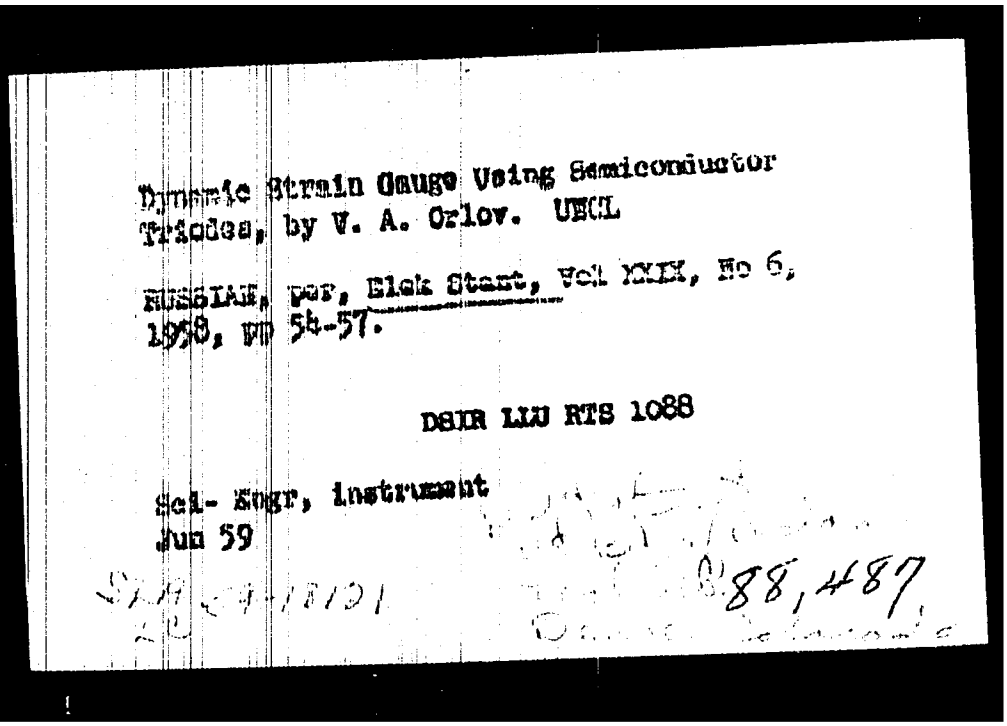

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DSIR LIU RTS 1088

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On Insulation-Testing of Large Electrical Machines, by Gerasimov, et al. UNCL

RUSSIAN, Per, Elek Stant, No 6, 1958, pp 67-70.

DSIR LLU (loan) M.270

Electricity

Sci.

Jun 59

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DSIR LLU (Loan) M.271

Bol - Electricity
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DSIR LLU (loan) M.302
SIA 59-1062

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US JPRS/DC-1-1232

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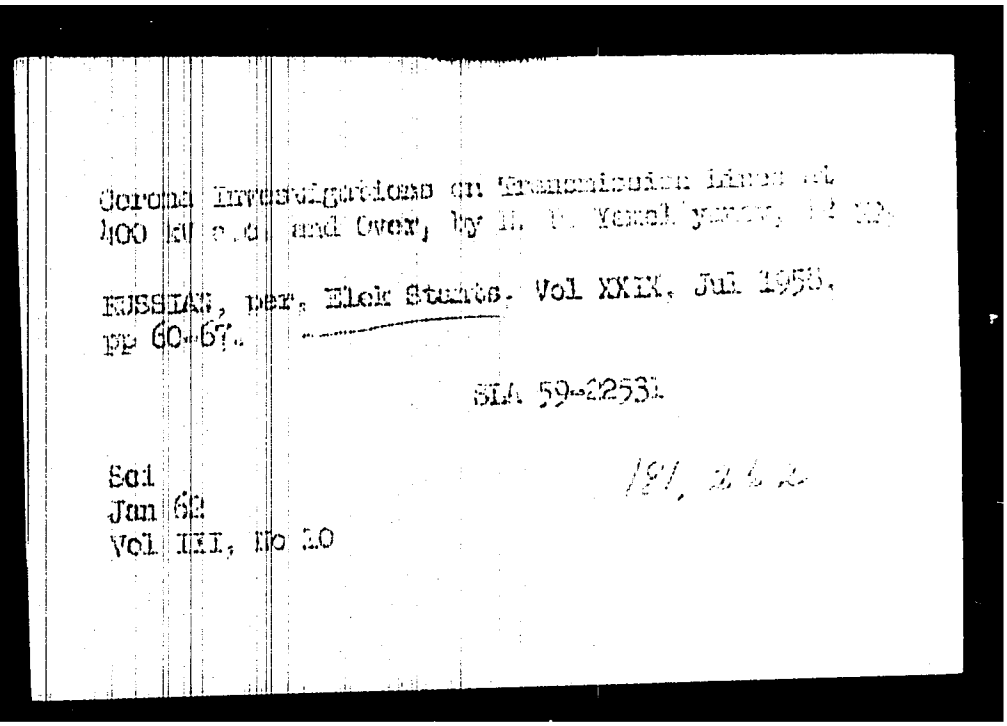

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400 kv a.c. and Over, by M. V. Vanal'yan, 12 pp.

RUSSIAN, per. Elek Stantsii. Vol XXIX, Jul 1958,
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SIA 59-22533

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SLA 59-22530

Sci

Apr 61

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MLL 9022.09 1964 (3618) (On Loan)

Aug 65 287,176

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Superheater Tests on a High Pressure Boiler Operating on Anthracite Fines, by N. A. Dual', et al. USCL.

RUSSIAN, per, Elek. Stant, No 8, 1958, pp 22-25.

DSIR LAU RES 1967

10s. Od.

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Temperature Conditions of a Steam-Turbine Thrust Bearing and Its Operational Reliability, by E. V. Trifonov, S. L. Yampol'skii. RUSSIAN, per, Elektricheskie Stantsii, No 3, 1958, pp 23-27. NLL RTS 2761

Sci - Chem
Oct 67

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Changeover of a Power Station From Anthracite Duff to Natural Gas, by A. F. Ibev.
RUSSIAN, per. Elekt Stantsii, Vol 29, No 6, 1958, pp 83-84.
NLL Ref: 5022.09 (4583)

Sci-Mech
Aug 68

363,562

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Drying 400 KV Power Transformers in Their Own Tanks, by N. B. Leonidova. UKXL

RUSSIAN, per, Elektrichestvo Stantsiy, Vol XXXX, No 8, pp 61-63.

1958

DSIR Lending Library Unit
M. 127

Electronics

Sci - USSR

Apr 59

85,116

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Effect of Surge Currents on the Mechanical Properties of Concrete for Overhead Transmission Lines Supports, by A. V. Korsuntsev, B. D. Merkhalev. UNCL

RUSSIAN, per, Elek Stant, Vol XXIX, No 8, 1958, pp 73-76.

DSIR LIB (loan) M.386
SLA 59-2[illegible]

Sci - Electricity
Jul 59

90,136

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Khurshudyan, L. M.
RELEVADOR UNIVERSAL DE LA VELOCIDAD DE ROTACION (Universal'noe Rele Skorosti Vrashcheniya) (Universal Rotating Speed Relay). 8p. CID: 62-245. Order from OTS, ETC or CID $0.80 62-29245

Trans. in Spanish of Elektrichestvo Stantsii (USSR) 1958 [v. 29] no. 8, p. 83-84.

DESCRIPTORS: Rotation, Velocity, *Relays, *Electric relays.

(Engineering--Electrical, TT, v. 10, no. 8)

62-29245

I. Khurshudyan, L. M.
II. CID-62-245
III. Centro de Información y Documentación, Madrid (Spain)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

New Design of Electric Drive for Remote Control of Fittings, by I. I. Kosolapov, S. G. Perkin.

RUSSIAN, per, Elektricheskie Stantsii, No 9, 1958, pp 7-11.

DSIR LLU M.1527
(loan)

Sci - Engr

Sep 60

125,584

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

No Rpt Trans, Comm and Elec Power in USSR, No 11.

Long Distance Electric Power Transmission, by
S. S. Rokotyan.

RUSSIAN, per, elektricheskiye Stantsii, No 9,
Moscow, Sep 1958, pp 8-13.

USSR
Econ - Electric power
Nov 58

73, 823

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Regulation for Uniflow Boiler-Turbine Blocks,
by I. I. Gal'perin.

RUSSIAN, per, Elektricheskie Stantsii, No 9,
1958, pp 12-19.

DSIR LLU M.1528
(loan)

Sci - Engr

Sep 60

125,582

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Protective Screening of Light-Current Cables Against Dangerous Interference From Effects of 110 Kv Cables, by V. N. Ivanov, V. V. Kubikov. UKCL

RUSSIAN, per, Elek Stants, No 9, 1958, pp 40-43.

DSIR LLU RTS 1217

(10s. 0d.)

Sci - Electronics
Dec 59

102, 498

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Description of the Construction and Operation of a Voltage Filter-Relay Without Separate Filter, by A. A. Voskresenskiy. UNCL

RUSSIAN, per, Elek Stant, No 9, 1958, pp 47, 48.

DSIR LLU (loan) N.304

SIA 57-[illegible]

88,464

Bel - Electric
Jun 59

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Earth Fault Signalling Relay in the Excitation Circuit of a Hydraulic Generator, by V. V. Mikhailo
UNCL

RUSSIAN, per, Elek Stant, No 9, 1958, pp 50-52.

DSIR LIU (loan) M.273

Sci - Electric
Jan 59

88,465

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

R-900 (DC-2501)

Experience Gained in Operating Distributing Unit Sets in A City Cable Network, by L. P. Smirnov
7 pp.

RUSSIAN, per, Elek Stants, No 9, 1958, pp 52-55.

JPRS-760-D

USSR
Econ
Jul 59

90,904

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Seasonal Fluctuations in Moisture Content and Dielectric Strength of Insulating Oil in Transformers in Service, by B. P. Glushkov, V. V. Puchkovskiy, 5 pp.

RUSSIAN, per, Elektrichestkiye Stantsii, Vol XXIX, No 10, 1958, pp 55-57.

SLA 60-13636

Sci
Apr 61
OTS, Vol III, No 12

163,229

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Uprating 35-220 kV Electric Systems, by A. N. Sheremtsis. UECL

RUSSIAN, per, Elek Stantn, Vol XXIX, No 10, 1958, pp 58-64.

DSIR LLU M.1298

(loan)

Sci - Electron

Apr 60

112, 674

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Insulator Wet Flashover Characteristic,
by Markhalev.

RUSSIAN, per, Elektricheskie Stantsii,
Vol XXIX, No 11, 1958, pp 54-59.

[redacted] CSIRO)

Sci - Electricity
Jul 62

204, 896

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Bolted Aluminum-Copper Contact Joints, by
V. P. Golubova. UESL

RUSSIAN, per, Elek Stants, No 12, 1958, pp 42-46.

DSIR LLU (loan) M.622

Sci - Electron
Nov 59

100, 751

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Assembly of a Hollow / luminum [illegible] Block by Means of A.C. Electric Arc Welding, by V. V. Bolotarev.

RUSSIAN, per, Elek Stent, Vol XXIII, No 12, 1956, pp 66-69.

NT Trans-2[illegible]

Sel
Jun 62

17[illegible]

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

VTI Furnaces With High Slag Recovery,
by Yu. L. Marshak, V. P. Romadin. UNCL

RUSSIAN, per, Elek Stants, Vol XXX, 1959,
pp 2-8.

DSIR LIW M.972

(loan)

112,673

Sol - Electron

Apr 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Enlarging of a Large GRES, by S. S. Rakita, (transpor, commun and elec power in the USSR -- 18).

RUSSIAN, per, Elektricheskiye Stantsii, No 1, Moscow, 1959, pp 11-17.

USSR
Econ - trans, comm, electric power

Jul 59

92, 172

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Some Requirements for Fire Equipment for Generators, by V. L. Shargorodskiy. UMCL

RUSSIAN, par, Elek Stants, Vol XXX, No 2, 1959, pp 55-58.

DSIR LLU (loan) M.838

Bol - Engr; Electron
Nov 59

100,745

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Comparison of Electric Power Transmission Cost with the Cost of Fuel Transportation, by B. L. Erlikhman.

RUSSIAN, per, Elektricheskiye Stantsii, No 2, 1959 pp. 90-91.

FTD/Transportation Communications, and Electric Power in the USSR, No 19.

USSR
Econ
Aug 59

93,908

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Evaluation of Devices for Taking Steam Samples
by N. A. Mozharov, 9 pp.

RUSSIAN, per, Elektricheskiye Stantsii,
Vol XXX, No 3, 1959.

Dept of Interior
TC7 E57 No 44

Sci - Engr
Feb 63

221,408

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Organization of Repairs at Electric Power Stations of Mosenergo, by M. Ya. Ufayev, (transpor, commun and elec power in the USSR -- 18).

RUSSIAN, per, Elektricheskiye Stantsii, No 3, Moscow, 1959, pp 12-16.

USSR
Econ - trans, comm, electric power

Jul 59

92, 171

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

(NY-2900/2).

(Hydrogenerator)

~~The Quality of the~~ Insulation ~~of Hydrogenerators Made by the Uralelektroapparat Plant~~, by V. A. Aleksandrov, M. A. Gladkikh, 4 pp.

RUSSIAN, per, Elektricheskiye Stantsii, No 3, 1959, pp 51-53.

JPRS-1798-N

USSR
Econ
Jul 59

93,096

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

On theChoice of Dimensions for the Exhaust Section and Condenser of a Turbine, by L. D. Berman, Ya. M. Rubinshtein.

RUSSIAN, per, Elek Stantsii, No 4, 1959, pp 25-30.

DSIR LLU M.1999
(loan)

Sci - Engr

Oct 60

128,903

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Farforovskii, B.S.
PROYECTO Y CONSTRUCCION DE TORRES INDUSTRIALES PARA LA REFRIGERACION DEL AGUA
(Proektirovanie i Stroitel'stvo Bashennikh Gradiren)
(Design and Erection of Industrial Scale Water Cooling Towers). 11p. CID:63-396.
Order from OTS, ETC or CID $1.60 TT-63-26796

Trans. in Spanish of Elektricheskie Stantsii (USSR) 1959, v.30, no.4, p.37-39.

DESCRIPTORS: Design, Construction, *Towers, *Water, *Refrigeration systems.

(Engineering--Mechanical, TT, v. 11, no. 11)

TT-63-26796

I. Farforovskii, B.S.
II. CID 63-396
III. Centro de Información y Documentación, Madrid

Office of Technical Services
European Translations Centre

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Methods of Balancing the Rotors of Large Synchronous Condensers, by M. A. Branovskiy, V. Yu. Avrukh.

RUSSIAN, per, Elektricheskiye Stantsii, No 4, 1959, pp 40-46.

DSIR LLU M.1994
(loan)

Sci - Engr

Oct 60

130,759

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Directions of the Development and Problems of Making District Heating More Economical., by L. A. Melent'yev,

RUSSIAN, per, Elektricheskiye Stantsii, No 5, 1959, pp 2-8.

Transp, Comm, and Elec Power in USSR, 21

Econ

Oct 59

98,703

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

The Conversion of Boilers to Natural Gas Firing,
by G. I. Zemlyanskii,
RUSSIAN, per. Elektricheskii Stantsii, Vol 29,
No 5, 1958, pp 17-22.
NLL 9022.09 (4436)

Sci-Nucl Sci
Recv 67

345.366

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Testing of the Inter-Turn Insulation of High-Voltage Electrical Machines, by V. S. Zhdanov.
UNCL.

RUSSIAN, per, Elek Stants, No 5, 1959,
pp 52, 53.

DAIR LLU M.1329

(loan)

112,677

Sci - Electron
Apr 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Increasing the Effectiveness of Preventive Tests on the Insulation of Electrical Machines, by Z. M. Ginzburg. UNCL

RUSSIAN, per, Elek Stants, No 5, 1959, pp 54, 55.

SLA 6[illegible]
DSIR LIB M.1403

(loan)

Sci - Electron
May 60

116,640

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Tatarinov, V. P. and Nikolenko, I. A.
VARIATION IN APPARENT AND ACTUAL BOILER-WATER LEVELS DURING EXPANSION. [1960] 6p.
C. E. Trans. 1555; M1741.
Order from LC or SLA mi$1.80, ph$1.80 61-13076

Trans. of Elektr[richenkiye] Stantsii (USSR) 1959, v. 30, no. 6, p. 3-7.

Experimental data indicate that, when the lower tube of the water gauge is connected at the lowest possible position, the apparent (gravimetric) level varies during expansion as a function of the composition of the boiler water and of the load on the evaporation level.

(Engineering--Mechanical, TT, v. 5, no. 2)

61-13076

I. Feed water--Analysis
I. Tatarinov, V. P.
II. Nikolenko, I. A.
III. CE Trans-1555
IV. DSIR LLU M.1741
V. Central Electricity Generating Board (Gt. Brit.)

142,867

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Drying Wetted Stator Windings of the Large Water-Wheel Generators After Installation, by G. G. Birshert, I. K. Sevryugin. UKCL

RUSSIAN, per, Elek Stants, No 6, 1959, pp 38-41.

SIA 60-17219
D&IR LLL M.1396

(loan)

Sci & Electron
May 60

116,519

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Ceramics, by Yu. I. Azbukin, O. M. Agafonova.
[illegible]

RUSSIAN, Tor, Elek Stanta, No 6, 1959, pp 79-82.

DSHI LUU M.983

(Ideo)

Sol. - Electron

Mar (60)

111/121

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Shmukler, B. L. and Shtefan, E. V.
STARTING A ONCE-THROUGH BOILER-TURBINE UNIT ON A SLIDING SYSTEM. [1961] [15]p. 2 refs.
C. E. Trans. 1819; [DSIR LLU] M. 3177.
Order from OTS or S.L.A. $1.60 61-27494

Trans. of Elektricheskie Stantsii (USSR) 1959, v. 30, no. 7, p. 5-12.

DESCRIPTORS: *Boilers, *Turbines, Starting.

(Engineering--Mechanical, TT, v. 6, no. 8)

61-27494

I. Shmukler, B. L.
II. Shtefan, E. V.
III. CE Trans-1819
IV. DSIR LLU M. 3177
V. Central Electricity Generating Board (Gt. Brit.)

[illegible]3267

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APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

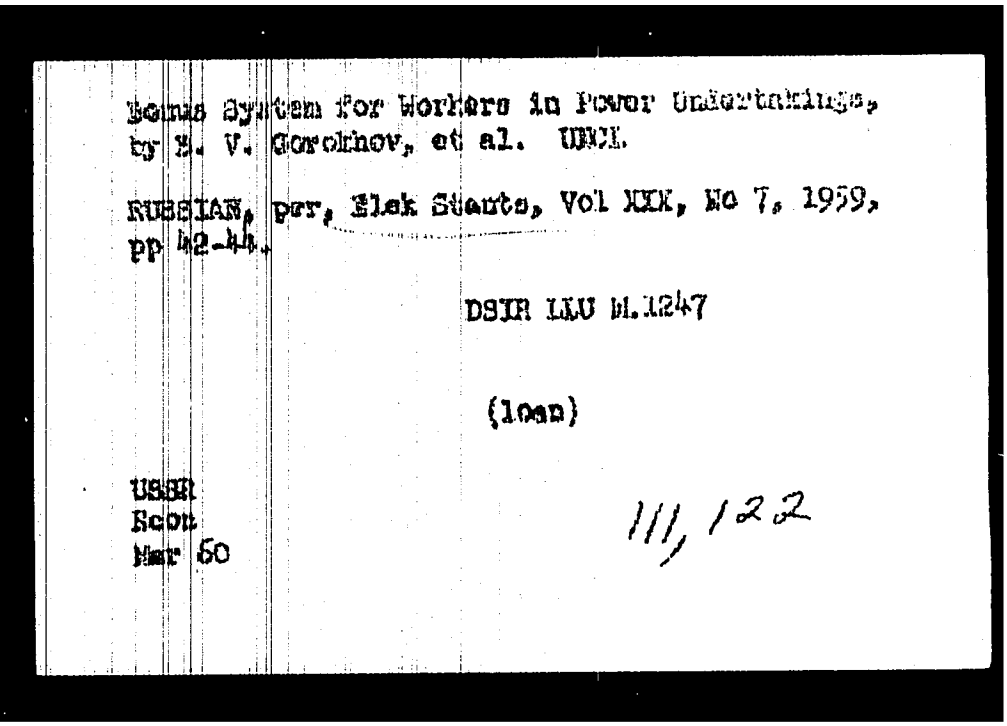
Deaeration of Make-up Water in Turbine Condensers, by G. D. Bukhman.
RUSSIAN, per, Elekt Stantsiy, Vol 30, No 7, 1959, pp 39-41.
NLL Ref: 9022.09 (4876)
CF6B Lc 4876

Sci-Energy Con
May 69

380,731

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6



Bonus System for Workers in Power Undertakings,
by S. V. Gorokhov, et al. UNCL.

RUSSIAN, per, Elek Stants, Vol XXX, No 7, 1959,
pp 42-44.

DSIR LKU M.1247

(loan)

USSR
Econ
Mar 60

111, 122

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Rotor End-Bells in Aluminium Alloys, by
N. M. Rabinovich.

RUSSIAN, per, Elektricheskiye
Stantsii, No 7, 1959, pp 49-52.

NLL M.3319

Sci - Min/Met

186,591

Feb 62

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Dorokhov, G. T.
AUTOMATIC DETERMINATION OF THE COMBUSTIBLES CONTENT IN FLUE GAS. [1960] 6p.
C. E. Trans. 1614; M1942.
Order from LC or SLA ml$1.80, ph$1.80 61-13325

Trans. of Elektricheskiye Stantsii (USSR) 1959, v. 30, no. 7, p. 80-82.

An apparatus is described for measuring the content of unburnt fuel in the flue gas of boilers. The apparatus is based on the photoelectric effect.

(Engineering--Chemical, TT, v. 5, no. 2)

61-13325

1. Combustion chamber gases--Analysis
2. Coal gas--Analysis
3. Title: Smoke analysers
I. Dorokhov, G. T.
II. CE Trans-1614
III. DSIR LIU M.1942
IV. Central Electricity Generating Board (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

New Equipment for Transmission Lines With Bundle Conductors, by Yu. Ye. Grigoryev.

RUSSIAN, per, Elek Stantsii, Vol XXX, No 8, 1959, pp 37-40.

DSIR LLU M.1792
(loan)

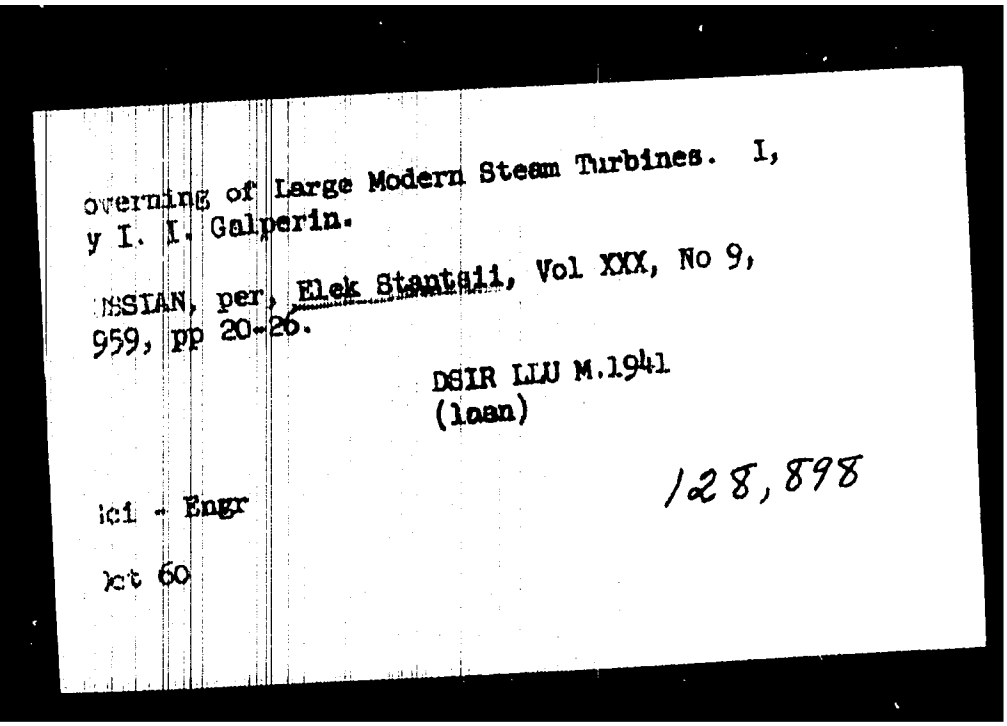
Sci - Engr

128,892

Oct 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6



overning of Large Modern Steam Turbines. I,
y I. I. Galperin.

SSIAN, per, Elek Stantsii, Vol XXX, No 9,
959, pp 20-26.

DSIR LLU M.1941
(loan)

128,898

ici - Engr

ct 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Detecting Inter-Turn Short-Circuits
in the Exciting Windings of Turbo-
Generators by Means of the Vector Method,
by G. S. Degil'. UMCL

RUSSIAN, per, Elek Stants, No 9, 1959,
pp 42-45.

DSIR LLU M.1322

(loan)

116,639

Sci - Electron
May 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

On the Question of the Detection of Inter-Turn Short-Circuits in the Rotor Windings of Turbo-Generators, by F. F. Deryugin, A. D. Bulitko. USCL

RUSSIAN, per Elek Stantsii No 2, 1959, pp 45-47.

DSIR ILL M.1321

(Loan)

116,638

Sci - Electron
May 60

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Bron, O. B., Obrazтov, V. A., and Bron, Ye. M.
A SERIES OF AUTOMATIC DEVICES FOR MAGNETIC FIELD SUPPRESSION. [1960] 14p. 9 refs.
C. E. Trans. 1584. M2061.
Order from LC or SLA mi$2.40, ph$3.30 61-13420

Trans. of Elektrichestvo [Elektrichestvo] Stantsii (USSR) 1959, v. 30, no. 9, p. 45-54

Automatic field suppressors of the new series have massive main contacts with silver mating surfaces and reliable mechanical and arc suppressing systems. They are not polarized, and they can be connected for operation without a preliminary forming. The suppressors of the new series for large machines are connected to both poles of the excitation circuit. This increases the reliability of field suppression and sometimes makes it possible to abandon a second device for field suppression in the excitation circuit of the exciter. The duration of field suppression is determined mainly by the damping time of eddy currents, excited (Engineering--Electrical, TT, v. 5, no. 2) (over)

61-13420

1. Suppressors--Design
2. Magnetic fields--Reduction
3. Generators--Equipment
I. Bron, O. B.
II. Obrazтsov, V. A.
III. Bron, Ye. M.
IV. CE Trans-1584
V. DSIR LLU M 2061
VI. Central Electricity Generating Board (Gt. Brit.)

Office of Technical Services

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

APPROVED FOR RELEASE: Thursday, August 15, 2002 CIA-RDP91-00772R000301980029-6

Bazhenov, S. A., Pimenov, V. P., and Sobin, M. R.
VERIFICATION OF SOME QUESTIONS RELATED TO D-C POWER TRANSMISSION USING THE "CONDUCTOR-GROUND" SYSTEM ON THE KASHIRA-MOSCOW EXPERIMENTAL TRANSMISSION LINES
A. A. Osipovich, tr. 25 Oct 63 [22p] 7refs
Order from OTS, SLA, or ETC $2.60 TT-64-13111

Trans. of Elektricheskie Stantsii (USSR) 1959 [v. 30] no. 9, p. 54-59. (Abstract available)

DESCRIPTORS: *Direct current, *Transmission lines, Underground structures, *Ground (Electrical), Electrical properties, Tests, *Electrical equipment,

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DESCRIPTORS: *Power plants, *Automation, Control systems.

(Engineering--Electrical, TT, v. 7, no. 8)

62-15251

I. AEI TP/T-2756
II. DSIR NLL M. 3233
III. Associated Electrical Industries Ltd. (Gt. Brit.)

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